

Converting Colors

XYZ(67.5217, 67.9871, 78.7616)

Have a look what the booklet for
XYZ(67.5217, 67.9871, 78.7616)
contains.

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Color

**XYZ(67.5304, 67.8700,
78.6482)**

Conversions

Conversions Part 1

Format	Color
Hex	E1D3DE
RGB	225, 211, 222
RGB Percent	88%, 83%, 87%
CMY	0.1176, 0.1725, 0.1294
CMYK	0.00, 0.06, 0.01, 0.12
HSL	313°, 19%, 85%
HSV	313°, 6%, 88%
XYZ	67.5304, 67.8700, 78.6482
YIQ	216.4400, 4.8130, 6.3890

Conversions

Conversions Part 2

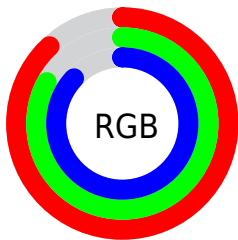
Format	Color
R _Y B	225, 211, 222
Decimal	14799838
CIE Lab	85.94, 6.76, -3.69
CIE LCh	86, 7.698, 331.379
Yxy	67.8700, 0.3155, 0.3171
Android (android.graphics.Color)	4292989918 (0xFFE1D3DE)
YUV	216.4400, 2.7411, 7.5071
Hunter-Lab	82.3833, 2.1476, 1.0663

Details

The XYZ color **67.5304, 67.8700, 78.6482** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.9293, 72.5561, 74.1517**, and the grayscale version is **65.5515, 68.9653, 75.1032**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.4411, 35.1130, 41.4688** is the 20% darker color. If you saturate the color by 10%, you get **61.6907, 57.2095, 73.5586**, and if you desaturate by 10%, it is **74.1748, 80.1085, 84.0989**.

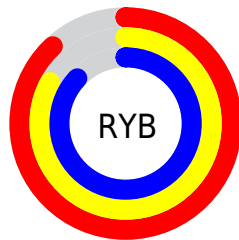
Distribution



Red (88%)

Green (83%)

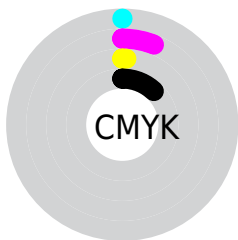
Blue (87%)



Red (88%)

Yellow (83%)

Blue (87%)

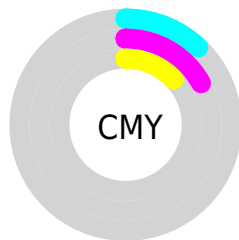


Cyan (0%)

Magenta (6%)

Yellow (1%)

Black (12%)



Cyan (12%)

Magenta (17%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.5304, 67.8700, 78.6482 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 67.5304, 67.8700, 78.6482 by changing the saturation by 10% instead.

67.5304, 67.8700,
78.6482

67.5304, 67.8700,
78.6482

441.2333,
453.0353, 509.9515

49.7881, 49.7920,
58.0870

114.7257,
116.1661, 133.2577

35.4621, 35.2481,
41.4634

144.9094,
147.1531, 168.1430

24.1873, 23.8541,
28.3590

179.9709,
183.2117, 208.6401

15.5981, 15.2254,
18.3550

220.2756,
224.7266, 255.1676

9.3292, 8.9777,
11.0331

266.1888,
272.0819, 308.1439

5.0154, 4.7267,
5.9747

318.0759,

2.2911, 2.0878,

325.6623, 367.9876

2.7611

376.3023,
385.8519, 435.1173

■ 0.7901, 0.6577,
0.9740

■ 0.0000, 0.0000,
0.0000

■ 67.5304, 67.8700,
78.6482

■ 67.5304, 67.8700,
78.6482

■ 61.6907, 57.2095,
73.5586

■ 74.1748, 80.1085,
84.0989

■ 56.6175, 48.0535,
68.8142

■ 81.3271, 93.3339,
89.8101

■ 52.2780, 40.3357,
64.4040

■ 82.0204, 93.6112,
93.4610

■ 48.6347, 33.9817,
60.3149

■ 82.7327, 93.8961,
97.2116

45.6469, 28.9099,
56.5324

83.4640, 94.1887,
101.0628

43.2694, 25.0304,
53.0408

84.2146, 94.4889,
105.0152

41.4512, 22.2415,
49.8222

84.8618, 94.7478,
108.4232

40.1328, 20.4243,
46.8559

39.2400, 19.4307,
44.1165

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.2898, 67.8700, 82.5022



67.5304, 67.8700, 78.6482



67.9574, 67.8700, 73.6655

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.5304, 67.8700, 78.6482



64.4269, 67.8700, 64.6110



61.6570, 67.8700, 79.0707

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



67.5304, 67.8700, 78.6482



65.9293, 72.5561, 74.1517

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61.1781, 67.8700, 74.1327



67.5304, 67.8700, 78.6482



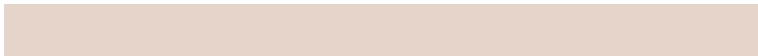
62.7592, 67.8700, 65.9155

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.5304, 67.8700, 78.6482



66.1461, 67.8700, 65.6993



61.5779, 67.8700, 69.3447



62.8980, 67.8700, 82.7538

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.5304, 67.8700, 78.6482



67.7172, 67.8700, 70.4157



61.5779, 67.8700, 69.3447



61.4026, 67.8700, 77.4951

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



67.5323, 67.8729, 78.6497



93.2690, 96.7189, 107.4405



64.5609, 66.2942, 80.6285



19.9821, 20.7362, 23.0121



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.5323, 67.8729, 78.6497



89.0077, 88.8913, 103.8772



66.6393, 67.5157, 73.9471



14.4097, 14.3348, 16.8382



22.4978, 11.0661, 25.0847



1.5912, 0.7797, 1.9059

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



67.5323, 67.8729, 78.6497



89.0077, 88.8913, 103.8772



66.8159, 72.9108, 78.8204



14.4097, 14.3348, 16.8382



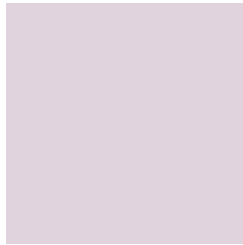
22.4978, 11.0661, 25.0847



1.5912, 0.7797, 1.9059

Previews

White Background



This preview shows how the XYZ color 67.5304, 67.8700, 78.6482 looks on a white background.

Color Contrast Check

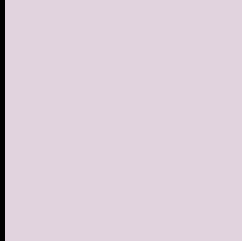
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 67.5304, 67.8700, 78.6482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

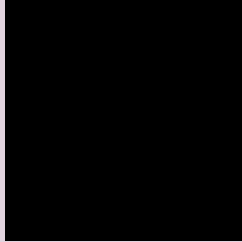
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

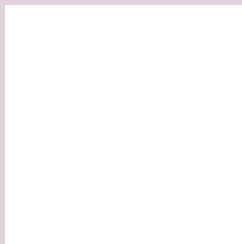
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.5304, 67.8700, 78.6482

Background



This preview shows how black text looks on a background with the XYZ color 67.5304, 67.8700, 78.6482.



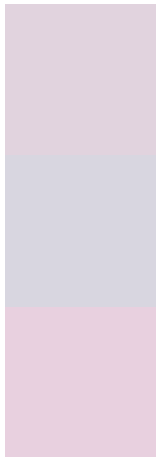
This preview shows how white text looks on a background with the XYZ color 67.5304, 67.8700,

78.6482.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

67.5304, 67.8700, 78.6482

Protanopia

65.8200, 68.0739, 80.1915

Deuteranopia

69.1539, 67.5953, 79.2144



Tritanopia

68.2758, 67.8080, 82.1628

Trichromacy



Original Color

67.5304, 67.8700, 78.6482

Protanomaly

66.3269, 67.9763, 79.4370

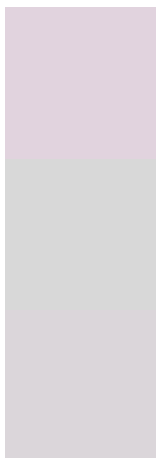
Deuteranomaly

68.4328, 67.5867, 79.2508

Tritanomaly

68.0012, 67.6982, 80.7172

Monochromacy



Original Color

67.5304, 67.8700, 78.6482

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.9149, 68.2152, 76.0224

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.5304, 67.8700, 78.6482 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(225, 211, 222) looks like.

```
.text, #text, p{  
    color:rgb(225, 211, 222)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(225, 211, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 211, 222) }
```

Border

The CSS property to change the border of an element to XYZ 67.5304, 67.8700, 78.6482 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(225, 211, 222) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(225, 211, 222) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(225, 211, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 211, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 211, 222);  
box-shadow:4px 4px 4px 4px rgb(225, 211,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 67.5304, 67.8700, 78.6482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 211, 222) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(225,  
211, 222) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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